

Title (en)

NOVEL FORMULATIONS AND USES FOR CURCUMA EXTRACTS

Title (de)

NEUARTIGE FORMULIERUNGEN UND VERWENDUNGEN FÜR CURCUMA-EXTRAKTE

Title (fr)

NOUVELLES FORMULATIONS ET UTILISATIONS D'EXTRAITS DE CURCUMA

Publication

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Application

EP 21205715 A 20130819

Priority

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- EP 19214450 A 20130819
- EP 13830806 A 20130819
- US 2013055499 W 20130819

Abstract (en)

[origin: US2014056828A1] Formulations and uses of extracts of *Curcuma longa* L. plants for safe use topically, orally, rectally, or vaginally, for example, are provided. A sunscreen containing an extract of *Curcuma longa* L. is provided, the sunscreen having an absorption that spans the UVA and UVB ranges in a manner that meets updated FDA recommendations without requiring the addition of titanium dioxide. A process of producing the extract is also provided, using an extraction solvent that is at least substantially non-toxic and useful also as a pharmaceutically acceptable carrier in liquid dosage forms. The extraction process also produces a significantly higher yield from a single extraction than the state-of-the-art. Liquid dosage forms can be produced directly from the extraction process without requiring removal of the extraction solvent, reducing complexity and cost of processing over the state-of-the-art. Microemulsions and nanoemulsions are also provided to enhance the bioavailability and stability of the extracts.

IPC 8 full level

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CPC (source: EP US)

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